

Work Order ID 91265

\*91265\*

Page 1

October-05-12 9:12:08 AM

Item ID: 648.7801 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Grounding Cable Assembly  
 Start Date: 10/04/12 Start Qty: 30.00 \*30\* Cust Item ID:  
 Required Date: 10/31/12 Req'd Qty: 30.00 \*30\* Customer:  
 Reference:

Approvals: Process Plan: MLS Date: 12-10-05 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
<del>648.7801</del>	N/C

110 <sup>648.7800</sup> ~~100~~ 100 FF 12/10/10 0.00

\*110\*  
 Small Fab Memo 0.00  
 Small Fab 1- CUT AND STRIP WIRE AS PER DWG  
 2- ASSEMBLE TERMINAL AS PER DWG

30 FF 13-07-22

120 QC5- Inspect part-completeness to step on W/O 0.00

\*120\*  
 QC Memo 0.00  
 Quality Control

27  
13 7 22

30  
count

130 <sup>100</sup> Pick Kit 0.00

\*120\* 100  
 Packaging Memo 0.00  
 Packaging

30 FF 13-07-22

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**\*91265\***

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Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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140 QC4- 100% Inspect kits for completeness 0.00

**\*140\*** 13/07/23

QC Memo 0.00

Quality Control

150 130 Identify as per dwg & Stock Location: **8539** 0.00

**\*150\*** 130

Packaging Memo 0.00

Packaging

160 140 QC21- Final Inspection - Work Order Release 0.00

**\*160\*** 140

QC Memo 0.00

Quality Control

#  
30x

SP  
13-7-22

MLJ 13-07-23

MLJ 13-07-23

# Picklist Print

October-05-12 9:12:07 AM

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Work Order ID: 91265

Parent Item: 648.7801

Parent Item Name: Grounding Cable Assembly

Start Date: 10/04/12

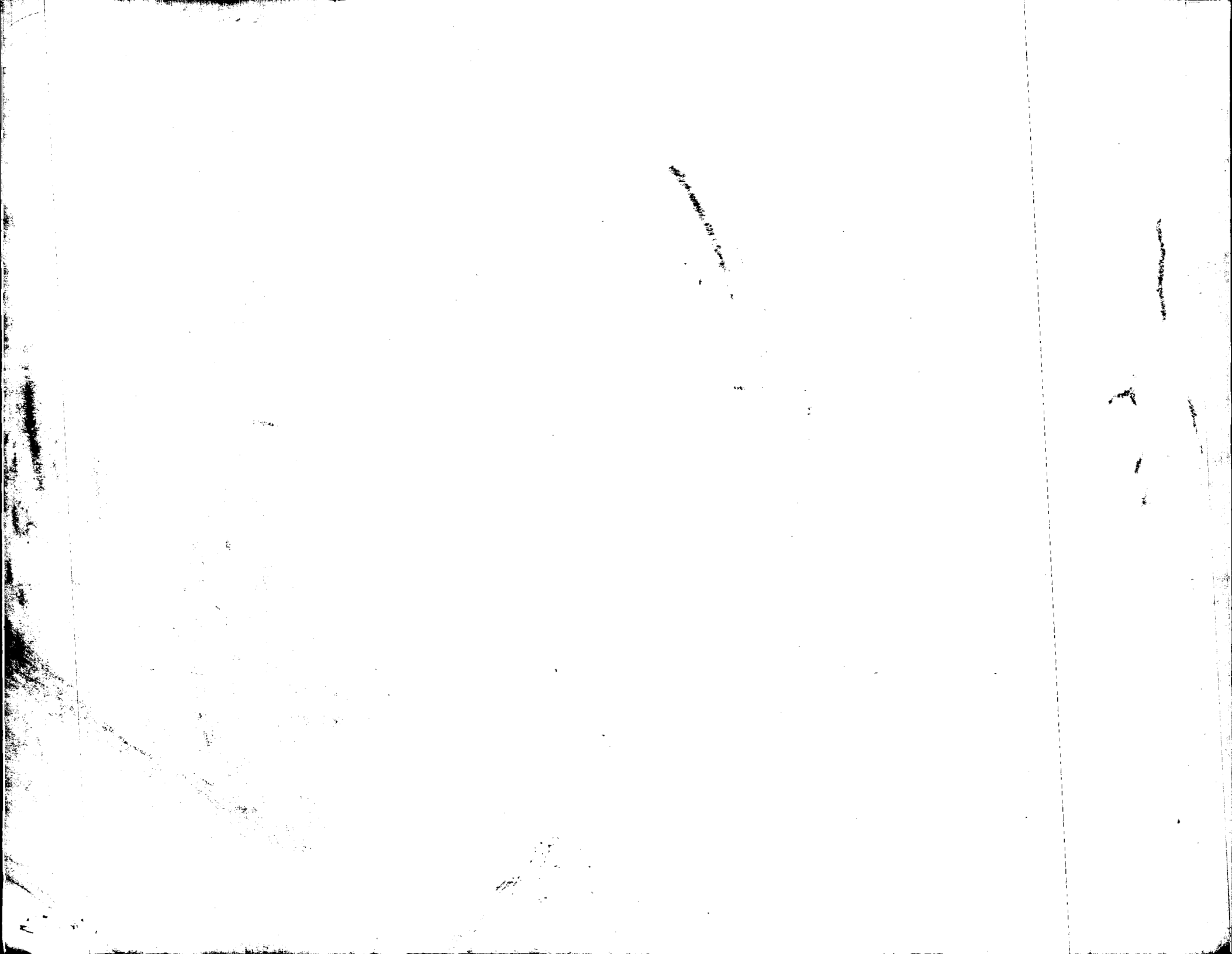
Required Date: 10/31/12

Start Qty: 30.00

Required Qty: 30.00

Comments: IPP REV:A 12.09.19 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MS227591614 Electrical Wire		Purchased	No	124291		110	f	0.0000	0.68	21.473684		FF 13-07-22	
MS25036-108 Terminal		Purchased	No	123301		110	Each	0.0000	1	30		FF 13-07-22	
MS25036-152 Terminal		Purchased	No	123352		130	Each	0.0000	1	30		FF 13-07-22	



APICAL  
INDUSTRIES, INC.

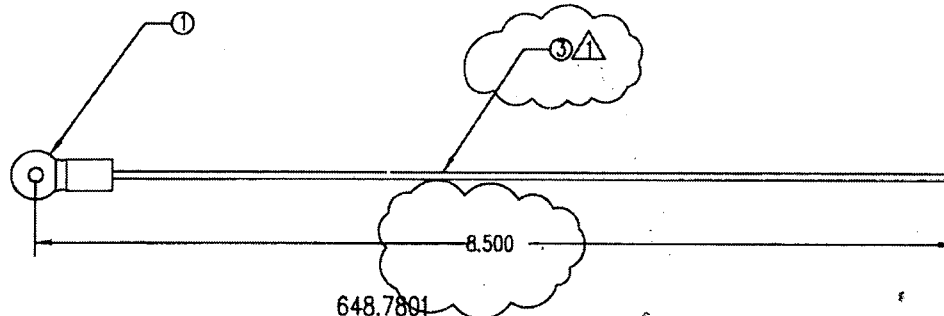
ENGINEERING CHANGE NOTICL NO. 03222				SHEET 1 OF 1	
DWG NO. 648.7800		REV: N/C	PREPARED BY R. ROSANO	DATE: 11/2/11	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
DWG TITLE: GROUNDING CABLE ASSY					
APPROVED BY:	ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: REVISED NOTES, DELETED F/N 2, REVISED F/N 3			

SHEET 1, ZONE A1 IS:

NOTES:

1. UPON INSTALLATION, CUT F/N 3 TO APPROPRIATE LENGTH AND SWAGE 601.3447 TERMINAL (MS25036-109) TO OPEN END.
2. STRIP ELECTRICAL WIRE (F/N 3) SUFFICIENTLY AND INSTALL TERMINAL (F/N 1).

SHEET 1, ZONE C5 IS:



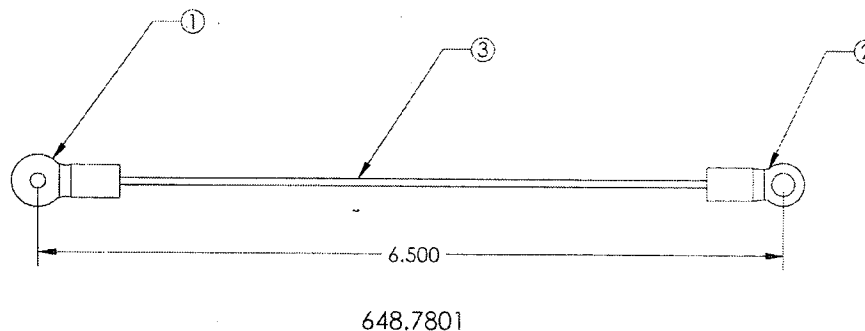
SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 91265 MLJ  
12-10-10

3	R	601.2695	.68 FT.	ELECTRICAL WIRE	MS22759/16-14	
2	D	601.3318	1	TERMINAL	MS25036-108	
F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:				CHANGE CATEGORY		DER REVIEW REQUIRED
				<input type="checkbox"/> MDL <input checked="" type="checkbox"/> INSTALL INSTRU <input checked="" type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
				<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR		

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# NOTES:

1. CUT ELECTRICAL WIRE SUCH THAT HOLE CENTER TO CENTER DISTANCE IS AS SHOWN.
2. STRIP ELECTRICAL WIRE (F/N 3) SUFFICIENTLY AND INSTALL TERMINALS (F/N 1 & 2).



UNINCORPORATED ECN(S)

03222

.54 FT	3	601.2695	ELECTRICAL WIRE	MS20754-14	
1	2	601.3318	TERMINAL	MS20336-108	
1	1	601.3317	TERMINAL	MS20336-102	
1		648.7801	GROUNDING CABLE ASSY		
QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
QTY	ORDINAL DATE	PARTS LIST			
NEXT ASSY (S)	647.2600	APICAL INDUSTRIES			
		2608 TEMPLE HEIGHTS DR.			
		OCEANSIDE, CA. 92056-3512 (760)724-5300			
		GROUNDING CABLE ASSY			
		SIZE	CAGE CODE	DWG. NO.	REV.
		E	07A76	648.7800	N/C
		SCALE	NONE	SHEET	1 OF 1

## Linda Lacelle

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**From:** Jacob Becker  
**Sent:** July-18-13 5:35 PM  
**To:** Pablo Bravo; Brandon Peters; Joe Bains  
**Cc:** Linda Lacelle  
**Subject:** RE: 648.7801

Hi Linda,

MS22759/16-14 is the general Tefzel 14 AWG wire callout.

MS22759/16-14-9 should be the 14 AWG wire with a white jacket. So it's the same wire. If you have any other questions let any of us know!

Jacob

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**From:** Pablo Bravo  
**Sent:** Thursday, July 18, 2013 2:21 PM  
**To:** Jacob Becker; Brandon Peters; Joe Bains  
**Subject:** Fwd: 648.7801

Hey guys,  
I don't have the spec in front of me, but I think it is the same. Can you guys help out?

Thanks,

Pablo

Begin forwarded message:

**From:** Linda Lacelle <[llacelle@dartaero.com](mailto:llacelle@dartaero.com)>  
**Date:** July 18, 2013 8:22:01 AM CDT  
**To:** Jean-Luc Menard <[jmenard@dartaero.com](mailto:jmenard@dartaero.com)>, Pablo Bravo <[pbravo@dartaero.com](mailto:pbravo@dartaero.com)>  
**Subject:** 648.7801

Hi,

We are about to assemble the 648.7801 grd cables and the wire called up is MS22759-16-14, but the wire we received is MS22759-16-14-9, is this the same pls??

Linda Lacelle  
Production manager  
Dart Aerospace